



*toxins*



an Open Access Journal by MDPI

## Marine Toxins from Harmful Algae and Seafood Safety

Guest Editor:

**Prof. Dr. Shauna Murray**

Climate Change Cluster,  
University of Technology Sydney,  
Ultimo, NSW 2007, Australia

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

The rapid expansion of aquaculture around the world is increasingly impacted by toxins produced by harmful marine microalgae, which threaten seafood safety. In addition, ocean climate change is leading to changing patterns in the distribution of toxic dinoflagellates and diatoms that produce these toxins. New approaches are being developed to monitor for harmful species and the toxins they produce. This Special Issue will cover new research on harmful marine microalgae and their toxins, including the identification of species and toxins; the development of new chemical and biological techniques to identify and monitor species and toxins; marine biotoxin uptake in seafood and marine ecosystems; and the distribution and abundance of toxins, particularly in relation to climate change.

Prof. Dr. Shauna Murray  
*Guest Editor*



[mdpi.com/si/47864](https://mdpi.com/si/47864)

**Special** Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Jay Fox

Department of Microbiology,  
University of Virginia,  
Charlottesville, VA, USA

## Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**High Visibility:** indexed within **Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.**

**Journal Rank:** JCR - Q1 (Toxicology) / CiteScore - Q1 (Toxicology)

## Contact Us

---

*Toxins* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxins](http://mdpi.com/journal/toxins)  
[toxins@mdpi.com](mailto:toxins@mdpi.com)  
[X@Toxins\\_Mdpi](#)